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# Virginia Respiratory Disease and Monkeypox Data Update

December 9, 2022



**VIRGINIA'S  
HEALTH  
IS IN OUR  
HANDS.**

Do your part,  
stop the spread.

# Virginia: Respiratory Disease Syndromic Surveillance

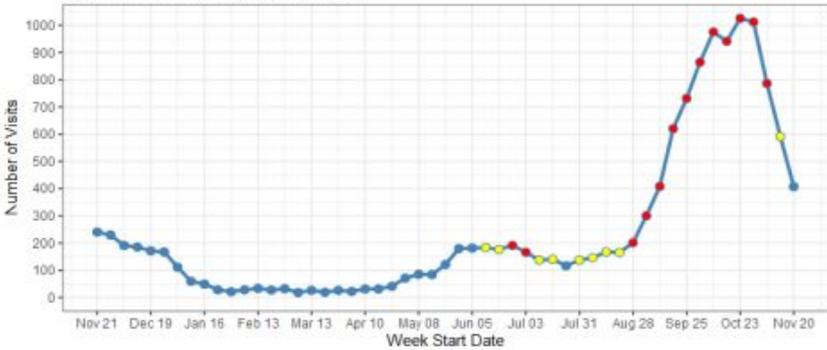
## \*Diagnosed Respiratory Syncytial Virus (RSV)

11/06 - 11/12 (MMWR Week 45)	11/13 - 11/19 (MMWR Week 46)	11/20 - 11/26 (MMWR Week 47)
780 visits	591 visits	<b>407 (-31%)</b>

Data is from the week of Nov. 20 - 26, 2022. Percent change is from week prior

\* RSV - ED and urgent care visits that include RSV in the discharge diagnosis (not necessarily confirmed cases)

**Weekly ED and Urgent Care Visits with Diagnosed RSV**  
11/21/21 - 11/26/22



- Nationally, RSV hospitalization rates nationally decreased from 3.7 to 1.7 per 100k, during the week ending 11/26

Source: VDH Weekly Respiratory Disease Surveillance Report. Percentage change is calculated off prior week's visits. Data are preliminary and subject to change. RSV Net: <https://www.cdc.gov/rsv/research/rsv-net/dashboard.html>

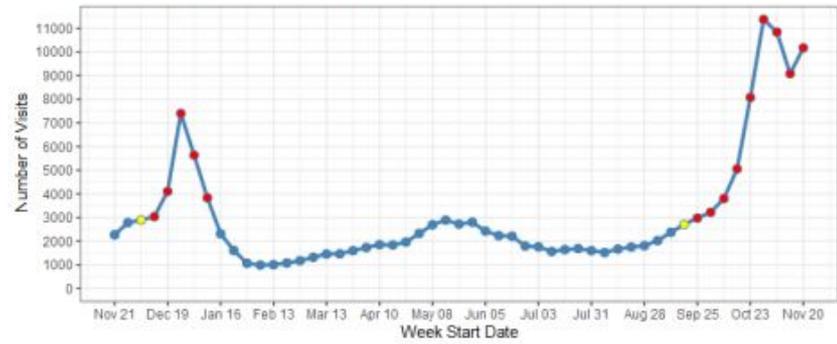
## \*Influenza-Like Illness (Excluding Diagnosed COVID-19) ED and Urgent Care Visits

11/06 - 11/12 (MMWR Week 45)	11/13 - 11/19 (MMWR Week 46)	11/20 - 11/26 (MMWR Week 47)
10,840	9,082	<b>10,173 (+12%)</b>

Data is from the week of Nov. 20 - 26, 2022. Percent change is from week prior

\* ILI - ED and urgent care visits with a chief complaint of 'flu' or fever + sore throat/cough. **Visits with diagnosed COVID-19 are excluded.**

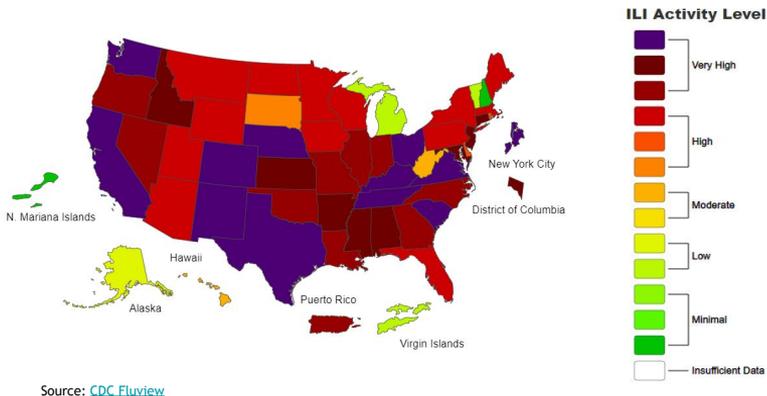
**Weekly ED and Urgent Care Visits for ILI Excluding Diagnosed COVID-19**  
11/21/21 - 11/26/22



- Virginia reported 9.2% of all ED and urgent care visits were for ILI, during the week ending 11/26.
- Largest proportion of ILI visits were seen in the 0-4 years of age group with 21.7% of all visits

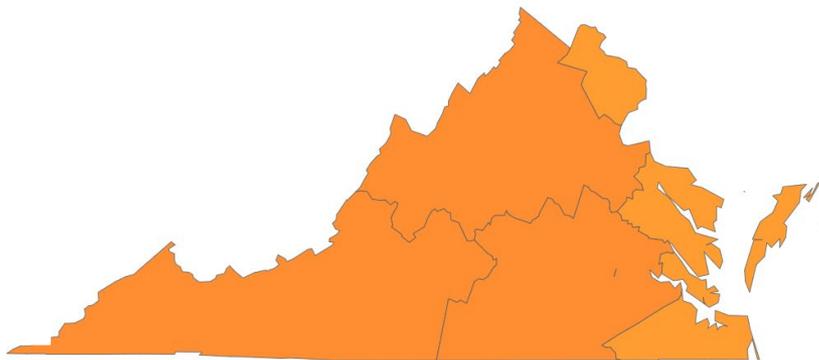
## National View

- Seasonal influenza activity is elevated across the country.
- Cumulative hospitalization rate is 16.6 per 100k
- CDC estimates that, so far this season, there have been at least 8.7 million illnesses, 78,000 hospitalizations, and 4,500 deaths from flu
- Two influenza-associated pediatric deaths were reported this week, for a total of 14 pediatric flu deaths reported so far this season



## ILI Activity Level by Region

Week ending Nov. 26, 2022



## Virginia View

- For the week ending Nov 26, 2022, MMWR week 47; Virginia has **very high** ILI activity
  - 3 Regions are at a **very high** ILI activity level
  - 2 regions are at **high** ILI activity level
  - VA investigated 15 influenza outbreaks
  - VDH has reported 1 influenza associated pediatric death for the 2022-2023 season by press release on 11/30
- VDH is sharing information with key stakeholders and the public:
  - [VDH Weekly Influenza Activity Report](#) dashboard updated every Thursday
  - Respiratory Disease Report shared Fridays
  - External Respiratory Disease Report pending approval

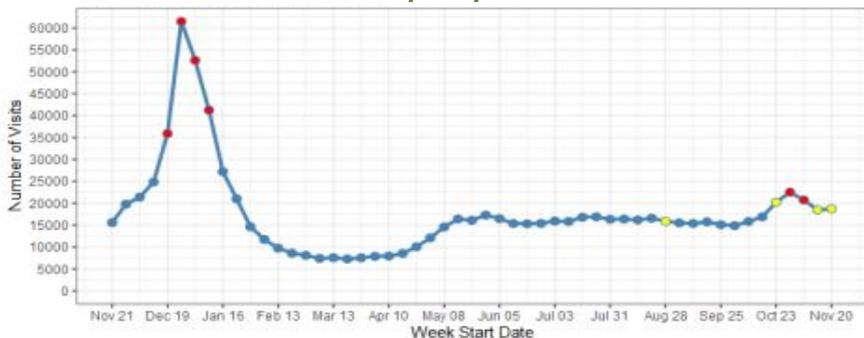
## \*COVID-Like Illness ED and Urgent Care Visits

11/06 - 11/12 (MMWR Week 45)	11/13 - 11/19 (MMWR Week 46)	11/20 - 11/26 (MMWR Week 47)
20,667	18,467	<b>18,703 (&lt;5%)</b>

Data is from the week of Nov. 20 - 26, 2022. Percent change is from week prior

\*CLI - ED visits noting symptoms of fever + respiratory complaint (e.g. fever with cough, shortness of breath, or difficulty breathing), loss of taste or smell, those with a coronavirus or severe respiratory diagnosis, or visits that mention COVID-19 as the reason for visit.

### Weekly ED and Urgent Care Visits for COVID-Like Illness, VA, 11/21/21 - 11/26/22

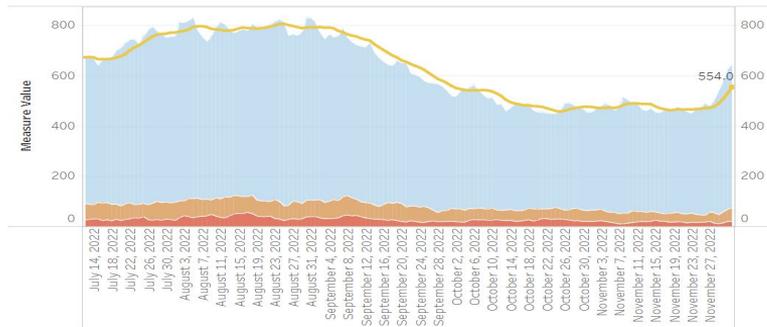


For the week ending Nov 26, 2022, MMWR week 47

\* Compared to last week:

- Weekly **case rate decreased 5%** to 72.5 per 100K
- 7-day MA of **hospitalizations remained stable (<5%)** at 470.1 per day
- Weekly **deaths increased 190%** from 31 to 90 deaths

### COVID-19 Hospitalization Trends Virginia, July 2022 - November 2022



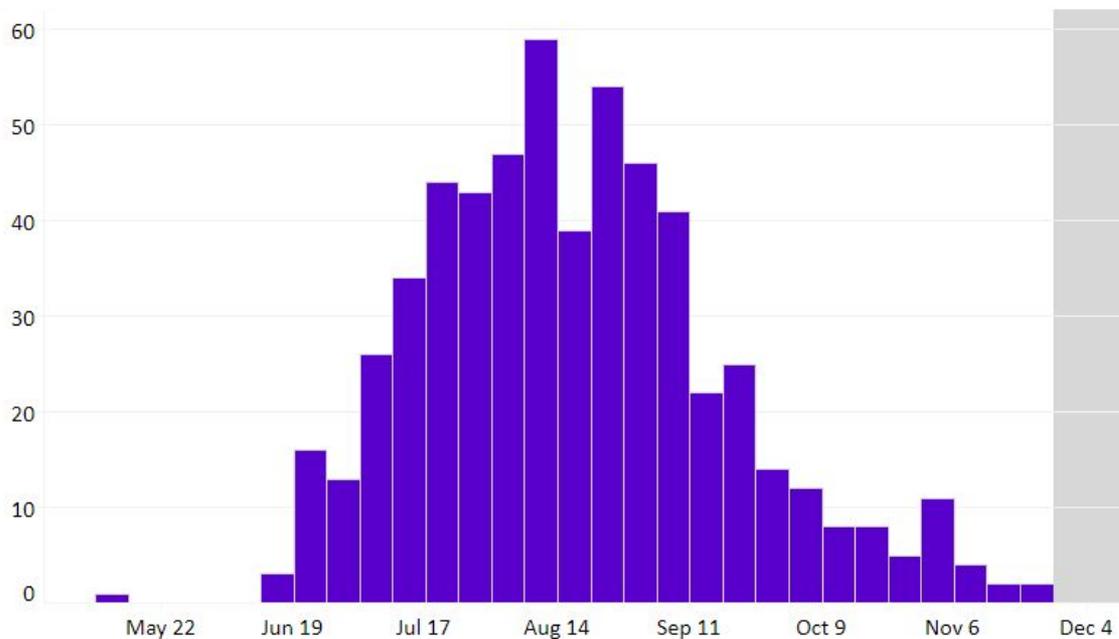
- Confirmed COVID-19 Patients Currently on Ventilator Support\*\*
- ICU Hospitalizations (Confirmed)\*
- CONFIRMED Hospitalizations\*
- 7-Day Moving Average of Confirmed COVID-19 Hospitalizations

\*Source: [CDC COVID Data Tracker](#), [VHHA Hospitalizations - Coronavirus \(virginia.gov\)](#).

VDH Weekly Respiratory Disease Surveillance Report. Percentage change is calculated off updated case numbers from week prior.

\*\*Data comparisons: Wednesday-Wednesday

## Epi Curve of Monkeypox Cases (5/2022 – 12/2022)



<b>Total Cases</b>	<b>559</b>
<b>Total Hospitalizations</b>	<b>24</b>
<b>Total Deaths</b>	<b>1</b>

## Monkeypox Cases By Age and Sex (as of 12/09)

Age Group	Cases
0-9 Years	0 (0.0%)
10-14 Years	1 (0.2%)
15-19 Years	14 (2.5%)
20-29 Years	205 (36.7%)
30-39 Years	222 (39.7%)
40-49 Years	80 (14.3%)
50-59 Years	32 (5.7%)
60-69 Years	3 (0.5%)
70+ Years	2 (0.4%)
Sex	Cases
Female	30 (5.4%)
Male	529 (94.6%)